
REGISTRATION - WATERSHEDS 103: TRAINING FOR TMDL PRACTITIONERS

July 18 or 20, 2000

Registration will be on a first come, first served basis.
Space is limited so early registration is encouraged.

REGISTRATION FORM

*(Make a copy of this form if you wish to keep the
program on the reverse side intact)*

Name: _____

Affiliation: _____

Address: _____

City: _____

State: _____ ZIP: _____

Phone: (____) _____

Fax: (____) _____

E-mail: _____

Please check which course you would like to attend.

9 July 18, 2000 - Des Moines

9 July 20, 2000 - Kansas City

Registration for the Des Moines workshop is limited
to 24 people. Registration will be on a first come first
served basis. Mail, fax, or e-mail your registration
and direct any questions regarding the

Des Moines workshop (July 18) to:

Bill Ehm

IDNR

502 E. 9th Street

Des Moines, IA 50319-0034

phone (515) 281-8143

fax (515) 281-8895

william.ehm@dnr.state.ia.us

Mail, fax, or e-mail your registration and direct any
questions regarding the **Kansas City workshop** (July
20) to:

Patricia Reitz

WWPD/WRPB

EPA - Region 7

901 N. 5th Street

Kansas City, Kansas 66101

phone (913) 551-7674

fax (913) 551-9674

reitz.patricia@epa.gov

The Watershed Academy



The Watershed Academy Presents

Watersheds 103

TRAINING FOR TMDL PRACTITIONERS

A Training Workshop

July 18, 2000

Iowa Department of Natural Resources

5th Floor Conference Room

Wallace Building

502 E. 9th Street

Des Moines, Iowa

or

July 20, 2000

Environmental Protection Agency, Region 7

Room 2240 A & B

901 N. 5th Street

Kansas City, Kansas

A workshop cosponsored by



U.S. Environmental Protection Agency's
Office of Wetlands, Oceans and Watersheds,
U.S. EPA Region 7, and Iowa Department of Natural
Resources

Presented by Tetra Tech, Inc.

ABOUT THE COURSE

This one-day course reviews the programmatic and technical components for developing total maximum daily loads (TMDLs) under Section 303(d) of the Clean Water Act. Section 303(d) requires that states develop lists of waters that do not meet state water quality standards, even after the application of technology-based and other required controls. States must establish priority rankings for waters on the list and develop TMDLs for these waters. A TMDL is a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. This training provides critical information on how the technical basis for a TMDL can be developed. The TMDL information will be presented through lectures and relevant case study examples tailored to regional needs.

This course is sponsored by EPA's Office of Water, Office of Wetlands, Oceans and Watersheds, US EPA Region 7, and Iowa Department of Natural Resources. The course is intended for those who will actually be developing TMDLs, including technical water resources staff and watershed managers from states, tribes, and territories; local governments; EPA regional and headquarters staff; and other interested watershed practitioners.

TENTATIVE AGENDA

Registration	7:30 - 8:15 a.m.
Introduction and Course Overview	8:15 - 8:30 a.m.
Introduction to TMDLs Program Overview TMDL Process TMDL Elements and Analysis Considerations TMDL Submittal	8:30 - 10:15 a.m.
<i>Break</i>	
Case Study 1 Examples being presented are tailored to specific waterbody types and regional considerations	10:30 a.m. - noon
<i>Lunch (on your own)</i>	noon - 1:00 p.m.
Modeling and Analysis for Establishing TMDLs Development of the Analytical Approach Introduction to Modeling Available Models and Model Selection Model Application	1:00 - 2:15 p.m.
<i>Break</i>	
Case Study 2	2:30 - 3:30 p.m.
Discussion and Summary	3:30 - 4:30 p.m.

WORKSHOP LOCATION

This one-day workshop will be held on July 18, 2000 at the Iowa Department of Natural Resources in Des Moines, Iowa and on July 20, 2000 at the Environmental Protection Agency in Kansas City, Kansas. For directions to the site on July 18 Bill Ehm at (515) 281-8143 or by e-mail at william.ehm@dnr.state.ia.us. For directions to the site on July 20 contact Edie Stevens-Breckon at (913) 551-7803 or by e-mail at stevens.edie@epa.gov.

HOTEL ACCOMMODATIONS

Attendees are responsible for their own hotel arrangements. A list of Des Moines hotels can be obtained by calling Bill Ehm at (515) 281-8143 or by e-mail at william.ehm@dnr.state.ia.us. A list of Kansas City hotels can be obtained by calling Edie Stevens-Breckon at (913) 551-7803 or by e-mail at stevens.edie@epa.gov.

THE WATERSHED ACADEMY

The Watershed Academy supports a variety of efforts such as training and the development of reference materials to implement the watershed approach. For more information on the Academy, visit EPA's Web site at www.epa.gov/owow/watershed/wacademy.html

EPA's TMDL PROGRAM

For more information on EPA's TMDL Program including existing regulatory requirements, proposed regulations and guidance, State maps showing impaired waters, and other information, visit EPA's TMDL website at www.epa.gov/owow/tmdl.